

APPLICATION DATA SHEET

APPLICATION INFORMATION

Application Type:: REGULAR
 Subject Matter:: UTILITY
 CD-ROM or CD-R?: NONE
 Title:: INCOMING CALL FORWARDING COMMUNICATION
 SYSTEM AND THE METHOD
 Attorney Docket Number:: 216099US2
 Total Drawing Sheets:: 6

INVENTOR INFORMATION

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REPRESENTATIVE INFORMATION

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Figure 1 illustrates the steps of the proposed algorithm for finding a minimum spanning tree. The process starts with a graph with 6 nodes and 7 edges. The algorithm proceeds by selecting edges in increasing order of weight, ensuring no cycles are formed. The selected edges are: (1,2) with weight 1, (2,3) with weight 1, (3,4) with weight 1, (4,5) with weight 1, (5,6) with weight 1, (1,3) with weight 2, (2,4) with weight 2, (3,5) with weight 2, (4,6) with weight 2, and (1,4) with weight 3. The final minimum spanning tree has a total weight of 10.

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